International School and Conference on
Algebraic Geometry, D-modules and Foliations
14 - 26 July 2008, Buenos Aires, Argentina
Website: http://mate.dm.uba.ar/~fcukier/dagfo/dagfo08.htm

The University of Buenos Aires (UBA), Facultad de Ciencias Exactas y Naturales (FCEN), Buenos Aires, Argentina, and the **Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy,** are organizing an International School and Conference on Algebraic Geometry, D-modules and Foliations from 14 to 26 July 2008 in Buenos Aires, Argentina.

The main aim of this School and Conference is to bring together specialists, researchers and students working on various aspects of Algebraic Geometry, of Foliations and of D-modules to discuss and further develop the interactions among these subjects.

Some areas of interest are: projective geometry, birational geometry, local and global theory of distributions and foliations on algebraic varieties, theory of D-modules, representation theory and geometry of moduli spaces.

The academic program consists of a School during the first week and a Conference during the second week. In the School there will be courses on topics of current interest taught by leading experts. In the Conference there will be Plenary Talks and Sessions on Algebraic Geometry, on D-modules and on Foliations.

Scientific Program:

1 - School, 14 - 19 July 2008: The following courses will be offered

- *Geometry of projective varieties and degenerations* - Professors Ciro Ciliberto and Francesco Russo
- *Fourier-Mukai transforms* - Professor Daniel Huybrechts
- *From D-modules to quantization-deformation modules* - Professor Pierre Schapira
- *Spaces of algebraic foliations of codimension one* - Professor Alcides Lins Neto

2 - Conference, 21 - 26 July 2008: The program consists of morning Plenary Lectures and the following afternoon Sessions: Algebraic Geometry (coordinated by Ciro Ciliberto). D-modules (coordinated by Teresa Monteiro Fernandes). Foliations (coordinated by Jorge Vitório Pereira).

Plenary Lectures speakers: Yves Andre (ENS, Paris, France), Louis Boutet de Monvel (Inst. Math. Jussieu, Paris, France), Cesar Camacho (IMPA, Rio de Janeiro, Brazil), Lucia Caporaso (Univ. Roma III, Italy), James Carlson (Clay Institute, Boston, USA), Eduardo Cattani (Univ. Massachusetts, Amherst, USA), Dominique Cerveau (Univ. de Rennes, France), Victor Ginzburg (Univ. of Chicago, USA), Xavier Gomez Mont (CIMAT, Guanajuato, Mexico), Gerard Gonzalez Sprinberg (Inst. Fourier, Grenoble, France), Daniel Huybrechts (Univ. Bonn, Germany), Mikhail Kapranov (Yale Univ., New Haven, USA), Olivier Mathieu (Univ. Lyon, France), Arturo Pianzola (Univ. Alberta, Canada and IAM-CONICET, Argentina), Claude Sabbah (Ecole Polytechnique, Paris, France), Pierre Schapira (Univ. Pierre et Marie Curie, Paris, France), Wilfried Schmid (Harvard Univ., Boston, USA), Michael Singer (North Carolina State Univ., Raleigh, USA), Dennis Sullivan (CUNY/SUNY, New York, USA), Juan Tirao (Univ. de Córdoba - CONICET, Argentina), Lê Dũng Tráng (ICTP, Trieste, Italy), Orlando Villamayor (Univ. Autónoma de Madrid, Spain). The preliminary list of speakers can be found at: http://mate.dm.uba.ar/~fcukier/dagfo/participants.htm

Participation: The school and the conference are open to all mathematicians. Graduate students from Latin America are encouraged to apply. The **Registration form** and other information may be found at the web page **http://mate.dm.uba.ar/~fcukier/dagfo/dagfo08.htm** which will be updated periodically.

Support: **A limited number of grants to partially support local expenses is available.** Funds from ICTP are available only for participants who are nationals of, and working in, developing countries, who accept to attend the entire activity, and who are not more than 45 years old.

Possible financial help for participants from advanced countries can be requested directly to the Organizing Committee.

Deadline for applying for support: 30 April 2008

Contact address: dagfo@dm.uba.ar

PARTICIPATING INSTITUTIONS

ORGANIZING COMMITTEE

Cesar Camacho
IMPA, Rio de Janeiro, Brazil

Ciro Ciliberto
Univ. Roma II, Italy

Fernando Cukierman
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David Ellwood
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Juan Tirao
Univ. de Córdoba - CONICET, Argentina

Orlando Villamayor
Univ. Autónoma de Madrid, Spain

DEADLINE

for receipt of applications:

30 APRIL 2008